

DECLARATION AND POWERS OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

BANDPASS FILTER WITH PSEUDO-ELLIPTIC RESPONSE

the specification of which was filed on November 26, 2003 as Application Serial No. PCT/EP03/050899 and was amended on _____, or, if not identified here by filing date and serial number, is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate by me or my representatives or assigns for this invention having a filing date before that of the application on which priority is claimed.

Application No. 0215617 in FR on December 9, 2002 priority claimed ☒ Yes ☐ No

Application No. _____ in _____ on _____ priority claimed ☐ Yes ☐ No

Application No. _____ in _____ on _____ priority claimed ☐ Yes ☐ No

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) as listed below.

Application No. _____ Filed _____

Application No. _____ Filed _____

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application

Serial No. _____ Filed _____ ☐ patented ☐ pending ☐ abandoned

Serial No. _____ Filed _____ ☐ patented ☐ pending ☐ abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint, individually and collectively, the following as my/our attorney or agent with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

<u>Joseph S. Tripoli</u>	Registration No. <u>26,040</u>	and
<u>Joseph J. Laks</u>	Registration No. <u>27,914</u>	and
<u>Harvey D. Fried</u>	Registration No. <u>28,298</u>	and
<u>Ronald H. Kurdyla</u>	Registration No. <u>26,932</u>	and
<u>Robert D. Shedd</u>	Registration No. <u>36,269</u>	and
<u>Vincent E. Duffy</u>	Registration No. <u>39,964</u>	and
<u>Robert B. Levy</u>	Registration No. <u>28,234</u>	

PLEASE ADDRESS ALL
COMMUNICATIONS TO:

JOSEPH S. TRIPOLI
PATENT OPERATIONS
THOMSON LICENSING INC.
P. O. BOX 5312
PRINCETON, NEW JERSEY 08543-5312

Sole or Joint Inventor (1)	<u>1-00 Dominique LO HINE TONG</u>	(Type or Print)	(Signature in Full. No initials.)
Citizenship	<u>FR</u>	Date	<u>19th MAY 2005</u>
Post Office Address	<u>44 rue Jeanne Couplan, F-35700 RENNES</u>		
Residence	<u>FR</u>	<u>FRX</u>	
Sole or Joint Inventor (2)	<u>2-00 Charline GUGUEN</u>	(Type or Print)	(Signature in Full. No initials.)
Citizenship	<u>FR</u>	Date	<u>24 May 2005</u>
Post Office Address	<u>155F avenue du Général Leclerc, F-35700 RENNES</u>		
Residence	<u>FR</u>	<u>FRX</u>	
Sole or Joint Inventor (3)	<u>3-00 Walid KAROUI</u>	(Type or Print)	(Signature in Full. No initials.)
Citizenship	<u>TN</u>	Date	<u>FRX</u>
Post Office Address	<u>Résidence Aragon, Appart N°69, 6 rue du 11 novembre 1918, F-31100 TOULOUSE</u>		
Residence	<u>FR</u>		

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<u>Joseph J. Laks</u>	Registration No. <u>27,914</u>	and
<u>Harvey D. Fried</u>	Registration No. <u>28,298</u>	and
<u>Ronald H. Kurdyla</u>	Registration No. <u>26,932</u>	and
<u>Robert D. Shedd</u>	Registration No. <u>36,269</u>	and
<u>Vincent E. Duffy</u>	Registration No. <u>39,964</u>	and
<u>Robert B. Levy</u>	Registration No. <u>28,234</u>	

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Citizenship	FR	Date	
Post Office Address	44 rue Jeanne Couplan, F-35700 RENNES		
Residence	FR		
Sole or Joint Inventor (2)	Charline GUGUEN	(Type or Print)	(Signature in Full. No initials.)
Citizenship	FR	Date	
Post Office Address	155F avenue du Général Leclerc, F-35700 RENNES		
Residence	FR		
Sole or Joint Inventor (3)	Walid KAROUI	(Type or Print)	(Signature in Full. No initials.)
Citizenship	TN	Date	May 17th 2005
Post Office Address	Résidence Aragon, Appart N°69, 6 rue du 11 novembre 1918, F-31100 TOULOUSE		
Residence	FR		

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Approved for use through 11/30/2005. OMB 0651-0035

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	
	Filing Date	
	First Named Inventor	DOMINIQUE LO HINE TONG ET AL.
	Title	BANDPASS FILTER WITH PSEUDO-ELLIPTIC RESPONSE
	Art Unit	
	Examiner Name	
	Attorney Docket Number	PF020160

I hereby appoint:

☒ Practitioners at Customer Number **Customer Number 24498**

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address THOMSON LICENSING INC.

Address

City **State** **ZIP**

Country

Telephone 609-734-6818 **Fax** 609-734-6888

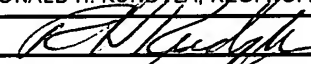
I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	RONALD H. KURDYLA, REG. NO. 26,932		
Signature			
Date	<input type="text"/> 5-27-05	Telephone	<input type="text"/> 609-734-6818

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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POWER OF ATTORNEY
THOMSON LICENSING S.A.

THOMSON Licensing S.A.
46, Quai A. Le Gallo
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France

does hereby grant


Joseph J. Laks - Vice President
Irwin M. Krittman - Vice President
Harvey D. Fried - Manager
Ronald H. Kurdyla - Manager
Robert D. Shedd - Manager

Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 17th day of March, 2004.

SIGNED


Joseph S. Tripoli
Sr. Vice President
Thomson Licensing Inc. and
Attorney In Fact for
THOMSON Licensing S.A.

WITNESS

David Fournier

POWER OF ATTORNEY
THOMSON LICENSING S.A.

THOMSON Licensing S.A.
46, Quai A. Le Gallo
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France

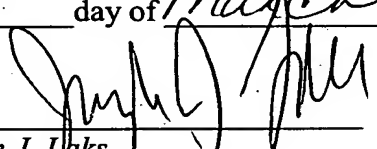
does hereby grant

Brian J. Cromarty
Patent Agent
Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 17 day of March, 2004.

SIGNED



Joseph J. Laks
Vice President
Thomson Licensing Inc. and
Attorney In Fact for
THOMSON Licensing S.A.

WITNESS

David Fournatto

**POWER OF ATTORNEY
THOMSON LICENSING S.A.**

We,

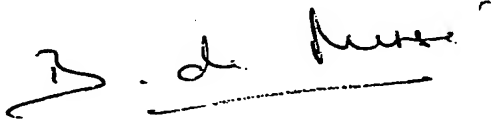
THOMSON Licensing S.A..
46, Quai A. Le Gallo
F-92100 Boulogne-Billancourt
France

do hereby grant

Joseph S. Tripoli
Senior Vice President
Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 11, 2003.

DATED this 15 day of March, in the year 2004.

A handwritten signature in dark ink, appearing to read "J. S. Tripoli", is written over a horizontal line.

SIGNED

JC20 Rec'd PCT/PTO 06 JUN 2005

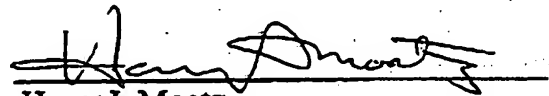
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

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This document constitutes proof of such limited recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: May 31, 2007


Harry I. Moatz
Director of Enrollment and Discipline